

Subject	Page	Author	Comments
Note	Page 12	CDM Smith	Inhalation and VOCs from contaminated sediment must be listed as a potential health hazard for any work in the exclusion zone or contamination reduction zone on the research vessel and the field processing laboratory. According to table 8.3 in the Programmatic HAZWOPER Health and Safety Plan (HASP), the breathing zone will be monitored continuously while sediment trap collection is performed on the vessel.
Note	Page 12	CDM Smith	For any work in the exclusion zone or contaminant reduction zone, rubber boots (or equivalent material capable of decontamination) with a safety toe are required. Leather boots will not be acceptable for this application.
Note	Page 12	CDM Smith	Nongreasy wet suits absorb water and can not be effectively decontaminated. Drysuits with waterproof fabric or rubberized coating should be used.
Note	Page 13	CDM Smith	The listed items are procedures not PPE. The list of PPE should be consistent with that described in the sodium azide SDS (Attachment 6).
Note	Page 14	CDM Smith	Additional information should be provided in this section in the event that sediment with non-aqueous phase liquid (NAPL) is encountered when retrieving sediment traps or on diver's suits. In those situations, decontamination procedures and management of investigation derived waste will be different from what is described here.
Note	Page 14	CDM Smith	See previous comment on rubber safety boots.
Note	Page 18	CDM Smith	HAZWOPER must be listed as required training for Steps 1-3 per the requirements of the Programmatic HASP.
Note	Page 32	CDM Smith	General Comment: The Job Safety Analysis (JSA) in this section at times differs with the Pre-Job Hazard Assessment presented in the AECOM HASP Addendum. Workers should review both the AECOM and Gravity Health and safety plans, and in any instances that safety procedures are not the same, the more protective measure shall be taken.
Note	Page 35	CDM Smith	As described in the AECOM Programmatic HAZWOPER Health and Safety Plan (HASP) and the HASP Addendum for sediment traps, Type III or Type V PFDs are acceptable for over water work (see Section 3.2.5 below). Type III and Type V PFDs allow for easier movement and are suitable for applications during work at Portland Harbor.
Note	Page 35	CDM Smith	Gravity should specify which of the USCG recommended equipment will be included on board the vessel. If any of the recommended equipment from this list will be omitted, Gravity should specify why it is not necessary. EPA strongly prefers all USCG recommended equipment be included in the vessel.
Note	Page 44	CDM Smith	As described in the Programmatic HASP, 40 degrees F was established as the minimum working temperature for this project (refer to the general comment at the start of Section 3.0).
Note	Page 46	CDM Smith	Table 4-4 should describe air monitoring during sampling, outside of boat house.
Note	Page 49	CDM Smith	A diagram of the Exclusion Zone, Contamination Reduction Zone, and Support Zone for the vessel(s) used during sediment trap work should be provided as an attachment to this HASP Addendum. These zones should be clearly identified on all vessels, and should be described during health and safety meetings.
Note	Page 55	CDM Smith	Hospital information and routes should be identified in the final HASP Addendum, including addresses and maps with preferred routes.
Note	Page 59	CDM Smith	Offshore medical certifications are not included. The final HASP Addendum should at a minimum identify medical certifications for each field personnel (i.e., CPR, First Aid, AED, etc.)
Note	Page 68	CDM Smith	As described in the Programmatic HAZWOPER HASP, a 40-hour HAZWOPER with current 8-hour refresher is required for "All Employees and subcontractors working in the exclusion and contaminant reduction zones." For personnel working on board the vessel at the project site, 40-hour HAZWOPER and current 8-hour refresher will be required.
Note	Page 69	CDM Smith	Refer to comment regarding rubber safety toe boots on page 14 of the AECOM Pre-Job Hazard Assessment.
Note	Page 70	CDM Smith	This title is not correct for this project and should be updated in the final HASP Addendum.
Note	Page 70	CDM Smith	The diver swim emergency gas supply should have a minimum of 20 cubic feet of air.
Note	Page 70	CDM Smith	A blue and white alpha flag and red and white recreational flag are required. These flags should be deployed before starting diving activities, and flown for the duration of diving activities.
Note	Page 70	CDM Smith	Diver decontamination procedures must be included in the Diving Operations Plan. These procedures must describe in detail the methods, responsibilities, location, and safety requirements during decontamination.
Note	Page 71	CDM Smith	Maximum anticipated bottom times should be included in this section.
Note	Page 72	CDM Smith	The pre-dive safety inspections should include communications tests with divers to ensure diver communications systems are fully functional.
Note	Page 83	CDM Smith	A line out signal chart or aids should be reviewed by divers and dive support personnel and available on board the vessel for reference (i.e., as attachment to HASP Addendum).